

SHAF A QILA, 18.230.0021

**IMPLEMENTASI METODE SIMPLE ADDITIVE WEIGHTING DALAM
MENENTUKAN KARYAWAN TERBAIK BERBASIS WEB DI BANK
JATENG SYARIAH PEKALONGAN**, dibawah bimbingan Eko Budi Susanto,
S.Kom., M.Kom. dan Ari Putra Wibowo, S.Kom., M.Kom.

105 + xviii halaman / 58 gambar / 26 tabel / 14 pustaka (2006 – 2018)

ABSTRAK

Permasalahan dalam proses pemilihan karyawan terbaik Bank Jateng dikarenakan hanya dilakukan sendiri (internal) sehingga tidak dilakukan penilaian yang lebih detail terhadap kriteria lainnya. Sehingga dibangun sistem yang menerapkan metode Simple Additive Weighting (SAW) menggunakan metode Waterfall melalui tahapan communication, planning, modelling, construction, dan deployment. Sistem dirancang menggunakan alat bantu Unified Modeling Language (UML) dan Lembar Kerja Tampilan (LKT). Sistem dibangun melalui framework codeIgniter dan database MySQL. Hasil pengujian sistem dengan menggunakan metode White Box, Black Box, dan User Acceptance Test (UAT) menunjukkan bahwa sistem yang dibangun sudah dapat berjalan baik secara fungsional tampilan maupun komponen, serta algoritma proses analisis sudah dapat berjalan sesuai dengan rancangan yang diharapkan oleh pengguna akhir.

Kata Kunci : SAW, Karyawan, Web, Bank

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IMPLEMENTATION OF THE *SIMPLE ADDITIVE WEIGHTING* METHOD IN DETERMINING THE BEST EMPLOYEES BASED ON WEB-BASED AT BANK JATENG SYARIAH PEKALONGAN, under guidance of Eko Budi Susanto, S.Kom., M.Kom. dan Ari Putra Wibowo, S.Kom., M.Kom.

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ABSTRACT

Problems in the process of selecting the best employees of Bank Jateng are because they are only done internally so that a more detailed assessment of other criteria is not carried out. So that a system is built that applies the Simple Additive Weighting (SAW) method using the Waterfall method through the stages of communication, planning, modeling, construction, and deployment. The system is designed using the Unified Modeling Language (UML) and Display Worksheets (DW) tools. The system is built through the codeIgniter framework and MySQL database. The results of testing the system using the White Box, Black Box, and User Acceptance Test (UAT) methods show that the system built has been able to run both functionally in appearance and components, and the analysis process algorithm has been able to run according to the design expected by the end user.

Key Word : SAW, Employee, Web, Bank